

Amendments to the Specification

- 5 Please replace the second paragraph of the "Detailed Description of the Preferred Embodiment" section of the present application with the following amended paragraph:

For explanation of the operating principles of the antenna
10 50, please refer to Fig. 4, which is a vertical view of the multi-frequency, monopole, flat antenna 50, shown in Fig. 2. The antenna 50 comprises a conductor 52, a feeding terminal 54 connected to the RF module of the cellular phone 40, and a conductor surface 56. The conductor 52 is an L-shaped sheet
15 comprising a first end 58 and a second end 60. The first end 58 is connected to the feeding terminal 54, and the second end 60 is connected to the conductor plate 56. The feeding terminal [[56]] 54 of the antenna 50 is connected to the RF module 42 of the cellular phone 40, and feeds and takes wireless
20 information to and from the RF module 42. The feeding terminal [[56]] 54 can be designed as a metal piece, and directly connected to the RF module 42. In this manner, the antenna 50 need not be connected to the RF module 42 by a coaxial cable. The conductor plate 56 is a rectangular conductor plate with a
25 width W (approximately 4cm) and a height H (approximately 2cm), and can produce resonance with an EM wave. This allows the cellular phone 40 to use the resonance of the antenna 50 to transmit signals in an unlimited fashion.

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